

Dr. Duke's Phytochemical and Ethnobotanical Database

Chemicals Found in *Populus balsamifera*

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
3	2,6-DIMETHOXY-P-BENZOQUINONE	Bark	--	--		
6	ACETOPHENONE	Essential Oil	--	--		
3	AR-CURCUMENE	Plant	--	--		
1	BEHENIC-ACID	Bark	--	--		
4	CADINENE	Essential Oil	--	--		
102	CAFFEIC-ACID	Essential Oil	--	--		
31	CARYOPHYLLENE	Plant	--	--		
18	CINNAMIC-ACID	Leaf	--	--		
3	CINNAMIC-ALCOHOL	Essential Oil	--	--		
4	D-CATECHIN	Leaf	--	--		
2	FARNESENE	Essential Oil	--	--		
2	HUMULENE	Plant	--	--		
1	N-NONACOSANE	Plant	--	--		
25	P-COUMARIC-ACID	Leaf	--	--		
1	POPULIN	Plant	--	--		
15	SALICIN	Leaf Essent. Oil	--	--		
1	SALICORTIN	Bark	--	--		
1	SALICORTIN	Leaf	--	--		

Activity Count	Chemical	Plant Part	Low PPM	High PPM	StdDev	Reference Citation
2	TRICHOCARPIN	Leaf	--	--		